

IN THE CLAIMS

Please amend claims 1-3, 8, and 10 as follows:

1. (currently amended) Electric wire ~~consisting of~~ comprising:
a conducting metal able to continually conduct ~~the~~ a current, the outer surface of which is covered in a layer of alloy containing tin, antimony and copper.

2. (currently amended) Wire according to claim 1 in which said alloy consists of: tin ~~(74-98.9%), antimony (1-10%) and copper (0.1-10%)~~
74%-98.9%, antimony 1%-10% and copper 0.1%-10%, said quantities being expressed in weight.

3. (currently amended) Wire according to claim 2 in which said alloy consists of: tin ~~(95%), antimony (4%) and copper (1%)~~ 95%, antimony 4% and copper 1%, said quantities being expressed in weight.

4. (previously presented) Wire according to claim 1 in which said wire is a metal wire able to conduct the current.

5. (previously presented) Wire according to claim 4 in which said metal wire is a copper wire.

6. (previously presented) Process for the preparation of a wire according to claim 1 in which the wire is passed through a flux and left to dry, pre-heated and then dipped in a bath consisting of the molten alloy.

7. (previously presented) Use of a wire according to claim 1 for the production of connection cables for low level signals, connection cables for power supply, printed circuit tracks and coupling, signal, pulse and power transformers, dipole, array and microstrip antennae, connectors for signals or power supply and for electromagnetic screens.

8. (currently amended) ~~Connection~~ The wire of claim 1, wherein the wire is incorporated into a device selected from the group consisting of connection cables for low level signals, connection cables for power supply, printed circuit tracks, coupling transformers, signal transformers, pulse transformers, and power transformers, dipole antennae, array antennae, and microstrip antennae, and connectors for signals or power supply and for electromagnetic screens.

9. (previously presented) Power transformer for electric distribution network, the windings of which are made of a wire according to claim 1.

10. (currently amended) Transformer according to claim 7 ~~in which the~~ including a dielectric sheath ~~[[is]]~~ made of black silk, woven over the wire itself.